

Attorney's Docket No. 5718-210 (35718/257130)

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Presnail *et al.*  
Appl. No.: 09/829,481  
Filed: April 10, 2001  
For: ARTHROPOD DEFENSINS

Confirmation No.: 8059  
Group Art Unit: 1638 -  
Examiner: A. Kubelik

February 21, 2003

Commissioner for Patents  
Washington, DC 20231

**AMENDMENT**

Sir:

In response to the Office Action mailed November 21, 2002, please amend the above-identified application as follows:

In the Specification:

Please revise the Title on page 1, line 2 to read as follows:

ARTHROPOD DEFENSINS OF *SCOLOPENDRA CANIDENS*, *VAEJOVIS CAROLINIANUS*, AND *ARGIOPE* SPP.

Please revise the Abstract on page 1, line 2 to read as follows:

This invention relates to an isolated nucleic acid fragment encoding a defensin which shares a high degree of sequence identity with the disclosed sequences from *Scolopendra canidens*, *Vaejovis carolinianus*, and *Argiope* spp. The invention also relates to the construction of a chimeric gene encoding all or a portion of the defensin, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the defensin in a transformed host cell.

In the Claims:

RTA01/2132061v1

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